

Leonidas Lampropoulos

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EDUCATION

UNIVERSITY OF PENNSYLVANIA

PHD IN COMPUTER SCIENCE
(PROGRAMMING LANGUAGES)
Expected May 2018 | Philadelphia, PA
Cum. GPA: 3.99
Advisor: Benjamin C. Pierce

MICROSOFT RESEARCH (INTERNSHIP)

USING FORMAL METHODS FOR
NEURAL NETWORK VERIFICATION
Summer 2015 | Microsoft Research
Cambridge, UK
Advisors: Aditya Nori and Dimitrios
Vytiniotis

NATIONAL TECHNICAL UNIVERSITY OF ATHENS

DIPLOMA IN ELECTRICAL
ENGINEERING AND COMPUTER
SCIENCE
July 2012 | Athens, Greece
Thesis Advisor: Kostis Sagonas
Cum. GPA: 9.50 / 10.0

ATHENS COLLEGE

HIGH SCHOOL DIPLOMA
June 2007 | Athens Greece
Magna Cum Laude - 19.6/20

LINKS

Github://lemonidas

PROGRAMMING

LANGUAGES

Haskell • Coq • OCaml • C • C++ • F#
Erlang • Java • C# • JavaScript • Python
Prolog

EXAMPLE PROJECTS

Haskell: Luck - Interpreter
Coq: Luck - Metatheory
OCaml + Coq: QuickChick

RESEARCH (SELECTION)

POPL 2018

GENERATING GOOD GENERATORS FOR INDUCTIVE RELATIONS
Leonidas Lampropoulos, Zoe Paraskevopoulou and Benjamin C. Pierce.

POPL 2017

BEGINNER'S LUCK: A LANGUAGE FOR PROPERTY-BASED GENERATORS
Leonidas Lampropoulos, Diane Gallois-Wong, Catalin Hritcu, John Hughes,
Benjamin C. Pierce, and Li-yao Xia.

NIPS 2016

MEASURING NEURAL NET ROBUSTNESS WITH CONSTRAINTS
Osbert Bastani, Yani Ioannou, Leonidas Lampropoulos, Dimitrios Vytiniotis,
Aditya Nori and Antonio Criminisi.

ICFP 2013 + JFP 2016

TESTING NONINTERFERENCE, QUICKLY
Cătălin Hrițcu, Leonidas Lampropoulos, Antal Spector-Zabusky, Arthur
Azevedo De Amorim, Maxime Dénès, John Hughes, Benjamin C. Pierce,
Dimitrios Vytiniotis.

TEACHING

DEEPSPEC SUMMER SCHOOL

Property-based random testing with QuickChick (Lecture 3), 2017

UPENN

CIS 552: Advanced Programming (Haskell) Spring 2014
CIS 120: Programming Languages and Techniques I (OCaml, Java) Fall 2013

NTUA

Programming Languages I (SML, Java, Prolog) Spring 2012
Programming Techniques (C) Spring 2012
Computer Programming (Pascal) Fall 2011

AWARDS (SELECTION)

- 2014 Teaching Practicum Award (Penn Engineering)
- 2012 State Scholarship Foundation (IKY) award and scholarship
for first place during the 5th year of studies
- July 2011 Second Prize, 18th International Mathematical Competition (IMC)
for University Students, Blagoevgrad, Bulgaria
- 2011 IKY first place award and scholarship (4th year)
- July 2010 Honorable Mention, 17th IMC, Blagoevgrad, Bulgaria
- 2010 IKY first place award and scholarship (3rd year)
- July 2009 Honorable Mention, 16th IMC, Budapest, Hungary
- Mar 2009 2nd Award, South Eastern European Mathematical Olympiad, Cyprus
- June 2007 High School Diploma with honors "Magna Cum Laude"
Mathematics Award, Physics Award, Excellence Award (19.6)
- Feb 2007 3rd Award, 24th Mathematical Olympiad "Archimedes"
- Feb 2007 1st Award, 67th Panhellenic Math Contest "Euclid"
- Feb 2006 1st Award, 66th Panhellenic Math Contest "Euclid"
- June 2005 Third Prize, 9th Junior Balcan Mathematical Olympiad, Veroia
- 2002 American Mathematics Contest (AMC 8), third place